

```
In[ ]:= << FeynCalc`
```

```
In[ ]:= kp = ScalarProduct[k, p]
```

```
Out[ ]:=  $\bar{k} \cdot \bar{p}$ 
```

```
In[ ]:= den = FAD[{k, λ}, {p - k, 0}]
```

```
Out[ ]:= 
$$\frac{1}{(k^2 - \lambda^2) \cdot (p - k)^2}$$

```

```
In[ ]:= den4 = ChangeDimension[den, 4]
```

```
Out[ ]:= 
$$\frac{1}{(\bar{k}^2 - \lambda^2) \cdot (\bar{p} - \bar{k})^2}$$

```

```
In[ ]:= TID[kp den4, k, Dimension → 4, ToPaVe → True]
```

TID: Error! TID has encountered a fatal problem and must abort the computation. The problem reads: Your input contains a mixture of 4- and D-dimensional quantities. This is in general not allowed in dimensional regularization, unless you are using the Breitenlohner–Maison–t'Hooft–Veltman scheme.

```
Out[ ]:= $Aborted
```